

Claims

1. A method for immunizing an infant mammal against a target antigen, comprising inoculating the mammal with an effective amount of a nucleic acid encoding a relevant epitope of the target antigen in a pharmaceutically acceptable carrier, such that a therapeutically effective amount of the relevant epitope is expressed in the infant mammal.
2. A method for inducing a cytotoxic T cell response against a pathogen in an infant mammal, comprising inoculating the mammal with an effective amount of nucleic acid encoding more than one relevant epitope of one or more target antigen associated with the pathogen in a pharmaceutically acceptable carrier, such that therapeutically effective amounts of the relevant epitopes are expressed in the infant mammal.
3. A composition of nucleic acid encoding one or more relevant epitopes of one or more target antigens, for use in the preparation of an immunogenic composition which may be used in a method of inducing a cellular immune response in an infant mammal.